CLAIMS

1. A task execution system including at least two
processors, comprising:

5   a task management table registered with an associated
relationship between at least a task, a main execution
processor for executing the task and an in-charge-of-stoppage
processor for executing the task when said main execution
processor stops;

10   a selecting unit selecting an executable task from among
tasks registered in said task management table;

a checking unit checking, if a processor other than said
processor trying to execute the selected task is registered as
said main execution processor for the selected task, a

15   stoppage state of said processor registered as said main
execution processor; and

an executing unit executing the selected task if said
processor registered as said main execution processor remains
stopped.

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2. A task execution system including at least two
processors, comprising:

a judging unit judging whether or not a task requested
to be registered can be registered as a task of a main

25   execution processor;

a judging unit judging whether or not the task requested
to be registered can be registered as a task of an in-charge-

of-stoppage processor;

a registering unit registering, if judged to be registerable as the task of said main execution processor and if judged to be registerable as a task of said in-charge-of-
5   stoppage processor, an associated relationship between the task requested to be registered, said main execution processor and said in-charge-of-stoppage processor;

a selecting unit selecting an executable task from among the registered tasks;

10   a checking unit checking, if a processor other than said processor trying to execute the selected task is registered as said main execution processor for the selected task, a stoppage state of said processor registered as said main execution processor; and

15   an executing unit executing the selected task if said processor registered as said main execution processor remains stopped.

3. A task execution method in a task execution system
20   including at least two processors, comprising:

selecting an executable task from among tasks registered in a task management table registered with an associated relationship between at least a task, a main execution processor for executing the task and an in-charge-of-stoppage
25   processor for executing the task when said main execution processor stops;

checking, if a processor other than said processor

trying to execute the selected task is registered as said main

execution processor for the selected task, a stoppage state of

said processor registered as said main execution processor;

and

5   executing the selected task if said processor registered

as said main execution processor remains stopped.

          4. A program for making an information processing device

including at least two processors, function as:

10   a task management table registered with an associated

relationship between at least a task, a main execution

processor for executing the task and an in-charge-of-stoppage

processor for executing the task when said main execution

processor stops;

15   a selecting unit selecting an executable task from among

tasks registered in said task management table;

          a checking unit checking, if a processor other than said

processor trying to execute the selected task is registered as

said main execution processor for the selected task, a

20 stoppage state of said processor registered as said main

execution processor; and

          an executing unit executing the selected task if said

processor registered as said main execution processor remains

stopped.

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